

AMENDMENTS TO THE CLAIMS

Please cancel claims 144, 146-149, 151-153, 155, 157-160, and 162-164 without prejudice or disclaimer to the subject matter disclosed therein.

1-144. (cancelled)

145. (previously presented) A substantially purified nucleic acid comprising the complement of a nucleotide sequence selected from the group consisting of: fragments from about 15 to about 250 nucleotides in length of SEQ ID NO: 34.

146. (cancelled)

147. (cancelled)

148. (cancelled)

149. (cancelled)

150. (previously presented) The cell of claim 148, wherein said introduced nucleic acid further comprises a TIGR protein coding sequence.

151. (cancelled)

152. (cancelled)

153. (cancelled)

154. (previously presented) The vector of claim 151, wherein said nucleic acid further comprises a TIGR protein coding sequence.

155. (cancelled)

156. (previously presented) A substantially purified nucleic acid comprising the complement of a

fragment of nucleotides 1 through 5271 of SEQ ID NO: 3, wherein said fragment is from about 15 to about 250 nucleotides in length.

157. (cancelled)

158. (cancelled).

159. (cancelled).

160. (cancelled).

161. (previously presented) The cell of claim 159, wherein said introduced nucleic acid further comprises a TIGR protein coding sequence.

162. (cancelled)

163. (cancelled)

164. (cancelled)

165. (previously presented) The vector of claim 162, wherein said nucleic acid further comprises a TIGR protein coding sequence.

166. (previously presented) A substantially purified nucleic acid comprising the nucleotide sequence of SEQ ID NO: 34.

167. (previously presented) A substantially purified nucleic acid comprising the complement of the nucleotide sequence of SEQ ID NO: 34.

168. (previously presented) A cell having an introduced nucleic acid, wherein said introduced nucleic acid comprises a nucleotide sequence selected from the group consisting of: SEQ ID NO: 34 and its complement.

169. (previously presented) The cell of claim 168, wherein said introduced nucleic acid is present

in a vector.

170. (previously presented) The cell of claim 169, wherein said vector is a plasmid vector.

171. (previously presented) The cell of claim 169, wherein said introduced nucleic acid further comprises a

TIGR protein coding sequence.

172. (previously presented) A vector comprising a nucleic acid, wherein said nucleic acid comprises a nucleotide sequence selected from the group consisting of: SEQ ID NO: 34 and its complement.

173. (previously presented) The vector of claim 172, wherein said vector is a plasmid vector.

174. (previously presented) The vector of claim 172, wherein said nucleic acid further comprises a TIGR protein coding sequence.